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PATENT

Attorney Docket No. 186563/US/2

Dorsey File No. 469390-00352

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SHENOY *et al.*

U.S. Serial No.: 10/543,122

U.S. Filing Date: July 21, 2005

I.A. No.: PCT/US04/02029

I.A. Filing Date: January 26, 2004

For: *Modified Trafficking Patterns for Arrestin
and G-Protein-Coupled Receptors via
Arrestin-Ubiquitin Chimera*

Examiner: Not Yet Assigned

Art Unit: Not Yet Assigned

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**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN
THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) mailed November 21, 2005. It is being filed with a three-month extension of time on or before April 21, 2006, thus making it a timely response.

Enclosed are the following documents:

1. Copy of Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US);
2. Copy of Declaration (37 C.F.R. 1.63) for Utility or Design Application Using an Application Data Sheet (37 C.F.R. 1.76);
3. Copy of Power of Attorney by Assignee;
4. Preliminary Amendment;
5. Sequence Listing;

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6. Computer readable form of sequence listing on diskette;
7. Substitute specification under 37 C.F.R. 1.125;
8. Marked-up version of specification;
9. Petition for Extension of Time;
10. Check for \$1,270.00 to cover application size fee of 15 pages over 100 pages (\$250.00) and extension fees (\$1,020.00);
11. Return receipt postcard.

The Commissioner is authorized to charge any additional fees, including extension fees, which maybe required, or credit any overpayment to Deposit Account No. 50-2319 (File No.: 469390-00352; Docket No.: 186563/US/2).

It is believed that submission of the above serves to satisfy all of the requirements of the outstanding Notice of Missing Parts.

If there are any questions with regard to the foregoing, please call applicant's attorney at 415-781-1989.

Respectfully submitted,
DORSEY & WHITNEY LLP

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01 FC:1681 250.00 UP
02 FC:1253 1020.00 UP



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/543,122	Sudha Shenoy	186563/US/2/DJB/MFK

INTERNATIONAL APPLICATION NO.

PCT/US04/02029

I.A. FILING DATE

PRIORITY DATE

01/26/2004

01/24/2003

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CONFIRMATION NO. 2631

371 FORMALITIES LETTER



OC000000017491241

Date Mailed: 11/21/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495):

- Copy of the International Application filed on 07/21/2005
- Copy of the International Search Report filed on 07/21/2005
- Request for Immediate Examination filed on 07/21/2005
- U.S. Basic National Fees filed on 07/21/2005
- Priority Documents filed on 07/21/2005
- Specification filed on 07/21/2005
- Claims filed on 07/21/2005
- Abstracts filed on 07/21/2005
- Drawings filed on 07/21/2005
- Paper nucleotide sequence listings filed on 07/21/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application.** Applicant must also provide a statement that the content of the sequence listing information recorded in

computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov**

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/543,122	PCT/US04/02029	186563/US/2/DJB/MFK